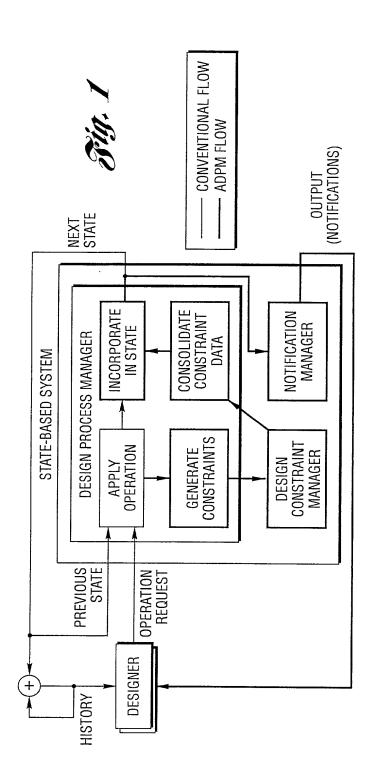
First Named Inventor: Juan-Antonio Carballo, et al.

Application Serial No.:

/ Atty. Docket No.: UOM 0246 PUS

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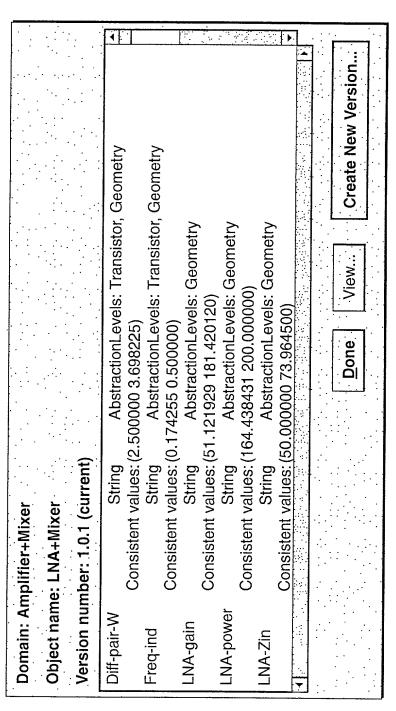
 Title: Method And System For Providing Constraint-Based Guidance To A Designer In A Collaborative Design Environment

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Constraints and properties	nd properties for problem: Desig	Design a Amplifier+Mixer at the Geometry level
CONSTRAINTS		
Constraint/Argument	Status/Value	
► MaxLNA-P-C11	Consistent	
	Consistent	
▼ TotalGain-C12	Consistent	
►LNA-Zin-C9	Consistent	kiir
► LNAGain-C10	Consistent	
► LNAPower-C7	Consistent	
PROPERTIES		
▼ P.Diff-pair-W8	<no assigned="" value=""></no>	NATMIXAE
LNAPower-C7	Consistent	
LNA-Zin-C9	Consistent	1
LNAGain-C10	Consistent	
► P.LNA-power9 2	<no assigned="" value=""></no>	LNA+Mixer
► P.LNA-Zin10 2	<no assigned="" value=""></no>	LNA+Mixer
► P.MinLNA-Zin11 1	50	LNA+Mixer
► P.LNA-gain12 2	<no assigned="" value=""></no>	LNA+Mixer
► P.Freq-ind13 2	<no assigned="" value=""></no>	· LNA+Mixer
LNAGain-C10	Consistent	
		▲ 在上的原子。然后是《唐·斯斯·斯斯·斯·斯斯·斯斯·斯斯·斯斯·斯斯·斯斯·斯斯·斯斯·斯斯·斯斯·
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Constraints and properties for problem:		Design a Amplifier+Mixer at the Geometry level	eometry level
CONSTRAINTS			
► LNA-Zin-C9	Violated		
▼TotalGain-C13	Violated		
P.Mintransceiver-gain16	32		
▼ P.LNA-gain12	<no assigned="" value=""> [48.00000 48.000000] required by LNAGain-C10</no>	equired by LNAGain-C10	
▼ P.Insertion-loss6	- cno value assigned	-	
	[-19.121931 -19.121931]	-19.121931 -19.121931] required by FilterLoss-C4	
►LNAGain-C10	Consistent		). 
O I ONGI ON	COLISISTELL		
PROPERTIES			
Property/Constraint # c's	Value/Status	Object	Connected violations
► P.Diff-pair-W6	2.5	LNA+Mixer 2	
► P.LNA-power9 2	<no assigned="" value=""></no>	LNA+Mixer	
► P.LNA-Zin10 2	<no assigned="" value=""></no>	LNA+Mixer 1	-
► P.MinLNA-Zin11 1	40	LNA+Mixer 1	
► P.LNA-gain12 2	<no assigned="" value=""></no>	LNA+Mixer 1	
► P.Freq-ind13 2	0.2	LNA+Mixer 1	
► P.MaxLNA-power14 1	200	LNA+Mixer	
► P.Maxfreq-ind15 1	0.5	LNA+Mixer	
Close		View property history	

